

Section X. Loading and Tiedown Checklist For Vehicles on Chain Tiedown Flatcars

NOTE: Copies of this page should be distributed to loading teams.

- ☐ Make certain all hood latches are secured (to avoid wind damage).
- ☐ Leave at least 10 inches between vehicles.
- ☐ Check for proper brake wheel clearance (see fig 1, p. 2).
- ☐ Do not cross the chains.
- ☐ Use symmetrical tiedown patterns (multiples of 4).
- ☐ Secure tiedowns at approximately 45 degree angles.
- ☐ Seat and lock chain anchor or winch.
- ☐ Secure shackle in tiedown provision with wire tie or cotter pin.
- ☐ Pull chain tight and attach hook above the compression unit.
- ☐ Tighten chain.
- ☐ Use appropriate tools.
- ☐ Make sure chain is not kinked or binding.
- ☐ Secure hooks with wire or nylon tie straps.
- ☐ Make sure turnbuckles are wired or locked.
- ☐ Tighten jamnuts with two wrenches. Lower locking sleeves.
- ☐ Do not secure chains to axles or springs unless figure shows to.
- ☐ Make certain turrets and guns, radiator doors, side skirts, outriggers, crane booms, expansible van bodies, movable parts, and secondary loads are secured from extending up or out over the side of the flatcar during transport.

List 1: Extract from TEA PAM 55-19 (Tiedown Handbook for Rail Movements Version 6).

DODX 40000-Series Flatcar Checklist

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- ☐ Locate chain anchors as indicated.
- ☐ Extend turnbuckles.
- ☐ Position tanks on flatcar.
- ☐ Install shackles (and links (rings), if required, on tanks).
- ☐ Pull chain tight and attach claw hook.
- ☐ Tighten until 1/8 inch of rubber shows at compression unit.
- ☐ Ensure anchor locking tabs are down in recess.
- ☐ Wire tie shackle screw pins (or secure by other suitable means).
- ☐ Secure pintle lock with cotter pin, if the pintle is used.
- ☐ Two-wrench tighten jamnuts or properly apply locking device.
- ☐ Make certain turret and gun, radiator door, side skirts, and so forth, are secured from extending over the side of the flatcar.
- ☐ Lock turret and secure the handle.

List2: Extract from TEA PAM 55-19 (Tiedown Handbook for Rail Movements Version 6) and was developed for securing equipment on DODX 40000 series flatcars.